MAGNAVOX

SMART. VERY SMART.

47MF439B

47" High Definition LCD TV with TRUE 1080P

With its 1080p Full HD panel, Blu-ray and HD DVD player support and a digital ATSC tuner, the 47MF439B delivers the very best digital HD TV display, HD media connectivity, Dolby Digital sound, SPDIF audio output and doubles as a PC display.

- ***LCD Full HD display, 1920x1080p***
- ***Powered by Pixel Max engine***
- ***Integrated tuner decodes digital ATSC and QAM signals***
- ***Dolby Digital for movies or concerts in full surround sound***
- ***Dynamic Contrast gives enriched color performance***
- ***Multiple audio/video inputs (480i/p, 720p, 1080i, 1080p)***
- ***HDMI for digital High Definition connection***
- ***Energy Star for energy efficiency and low power consumption***

Full HD 1080p DISPLAY

PIXEL MAX

DOLBY DIGITAL

HDMI

ENERGY STAR

HDTV

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47MF439B/F7

47" High Definition LCD TV with TRUE 1080P

Product specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Diagonal screen size: 47 inch / 119 cm
- Dynamic screen contrast: 29000:1
- Panel resolution: 1920x1080p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Progressive Scan, Digital Noise Reduction, Dynamic contrast enhancement
- Viewing angle: 178° (H) / 178° (V)
- Contrast ratio (typical): 1300:1
- Visible screen diagonal (inch): 46.96 inch

Supported Display Resolution

Resolution	Refresh rate
Computer formats	
640 x 480	60Hz
720 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1920 x 1080	50, 60Hz
1360 x 768	60Hz
Video formats	
480i	60Hz
480p	60Hz
720p	60Hz
1080i	60Hz
1080p	60Hz

Sound
- Output power (RMS): 2 x 10W
- Sound System: Dolby Digital (AC-3), Mono, SAP, Stereo

Loudspeakers
- Built-in speakers: 2

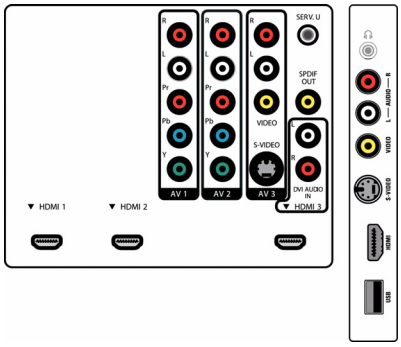
Convenience
- Child Protection: Child Lock+Parental Control
- Clock: On main display
- Ease of Installation: Autostore
- Ease of Use: Auto Volume Leveller (AVL), Side Control, Closed Captioning Full Text, On Screen Display, Smart Controls
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Super Zoom, Widescreen

Tuner/Reception/Transmission
- Aerial Input: 75 ohm F-type
- Cable: Unscrambled Digital Cable -QAM
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: ATSC, NTSC
- Video Playback: NTSC

Connectivity
- Audio Output - Digital: Coaxial (cinch)
- AV 1: Audio L/R in, YPbPr
- AV 2: Audio L/R in, YPbPr
- AV 3: Audio L/R in, CVBS in, S-Video in
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S-video in, HDMI v1.3
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- HDMI 3: Analog audio L/R in, HDMI v1.3
- HDMI-CEC: One touch play, Power status, System standby

Power
- Ambient temperature: 5 °C to 35 °C
- Mains power: 110-240V, 50-60Hz
- Power consumption: 275 W
- Standby power consumption: 0.15W

Dimensions
- Box dimensions in inch (W x H x D): 50.55 x 32.87 x 15.04 inch
- Product weight (lb): 59.92
- Set dimensions in inch (W x H x D): 45.28 x 28.87 x 4.10 inch
- Set dimensions with stand in inch (W x H x D): 45.28 x 31.4 x 12.2 inch
- Weight incl. Packaging (lb): 90.39
- VESA wall mount compatible: 400 x 400 mm



LCD Full HD display 1920x1080p
This display has a resolution that is referred to as Full HD. With state-of-the-art LCD screen technology it has the full high-definition widescreen resolution of 1920 x 1080p. This is the highest resolution that HD broadcast can transmit. It allows the best possible picture quality from any format of HD input signal. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Integrated HDTV tuner
A built-in digital tuner receives and decodes ATSC off-air and unscrambled cable signals directly, so you can view digital high-definition TV programming without an additional set-up box.

Dolby Digital
Because Dolby Digital and DTS, the world's leading digital multi-channel audio standards, make use of the way the human ear naturally processes sound, you experience superb quality surround sound audio with realistic spatial cues.

Dynamic Contrast
Special picture processing technology dynamically and seamlessly delivers vibrant images in bright scenes or reproduces a deep blacks and accurate rendering of darker colors and shades in dark scenes. You get the ultimate LCD picture: stable and clear images with enriched color performance and excellent contrast.

Multiple AV inputs plus 1080p
Multiple AV inputs are built-in connectors that accommodate all major video device signals: CVBS, S-video, component and HDMI (480i/p, 720p, 1080i and 1080p). Component and HDMI can even process the highest 1080p signal from any HD source including Blu-ray and HD DVD players, delivering maximum lines of resolution and the best image quality in the HDTV standard.

HDMI input
HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

Energy Star
Energy Star-labeled home electrical products are designed to use less energy - saving you money while reducing environmental pollution. In fact, Energy Star-compliant products consume less than 1 watt of power while in standby mode. As an Energy Star partner, Philips develops products that meet the Energy Star guidelines for energy efficiency. This is achieved by having low standby power consumption through innovatively designed standby circuitry and stringent selection of components made with high efficiency materials.

Date of issue 2009-08-10

Version: 2.3.56

12 NC: 8670 000 47698
UPC: 6 09585 16356 0

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47MF439B/F7
47" High Definition LCD TV with TRUE 1080P

Product specifications (continued)

- Product weight (+stand) (lb): 74.82 lb

Accessories

- Included Accessories: Batteries for remote control, Power cord, Quick start guide, Registration card, Remote Control, Table top stand, User Manual

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